HW#12: Missing Angles

Geometry

Due Date: Tuesday, September 24th, 2013

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

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| --- | --- |
| 1. Find the measure of b. | 2. Find the measure of b. |
| 3. Find the measure of b. | 8. Find *a* and *b.* |
| 5. Find the measure of b. | 6. Find the measure of b. Is angle B acute, obtuse, right, or straight? |
| 9. Use the figure below, to give another name for the angle in the diagram and classify the angle.  A B  14 C  X  F    E D  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10. a. Tell whether the following angles are Acute, Obtuse, Right, or Straight.  b. Then state if they are complementary, supplementary or neither. Justify your response using degree measures. |

GRASP REVIEW! (Mind the GAP with complete sentences!)

With the given endpoints (2,5) and (4,9) and the midpoint being on a perpendicular bisector, what is the equation of the line that goes through the original two points, and what is the equation of the perpendicular line that goes through the midpoint?

G

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A

S

P